ELSEVIER

Protein Structure & Molecular Enzymology

Vol. 1382, 1998

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Adiga, P.R., see Sooryanarayana, (1382) 230
Aida, K., see Watanabe, T. (1382) 181
Almagor, A., Priev, A., Barshtein, G., Gavish, B. and Yedgar, S.
Reduction of protein volume and compressibility by macromolecular cosolvents: dependence on the cosolvent molecular weight (1382) 151
Aspbury, R.A., Fisher, M.J. and Rees, H.H.
Fatty acylation of polypeptides in the nematode *Caenorhabditis elegans* (1382) 111

Barshtein, G., see Almagor, A. (1382) 151
Barthélémy, M., see Chaibi, E.B. (1382) 38
Basso, L.A., Engel, P.C. and Walmsley, A.R.
Cooperativity between trimers of the hexameric glutamate dehydrogenase from *Clostridium symbiosum* (1382) 345
Berryman, D.E., Mulero, J.J., Hughes, L.B., Brasaemle, D.L. and Bensadoun, A.
Oligomeric structure of hepatic lipase: evidence from a novel epitope tag technique (1382) 217
Binzak, B., Willard, J. and Vockley, J.
Identification of the catalytic residue of human short/branched chain acyl-CoA dehydrogenase by in vitro mutagenesis (1382) 137
Brasaemle, D.L., see Berryman, D.E. (1382) 217
Brennan, S.O., see Chua, E.K.M. (1382) 305
Bretner, M., see Jarmuła, A. (1382) 277

Cannons, A.C., see Wei, X. (1382) 129
Chaibi, E.B., Péduzzi, J., Farzaneh, S., Barthélémy, M., Sirot, D. and Labia, R.
Clinical inhibitor-resistant mutants of the β-lactamase TEM-1 at amino-acid position 69. Kinetic analysis and molecular modelling (1382) 38
Cheung, W.-F., see Wojcik, E.G.C. (1382) 91
Cho, M.J., see Koo, J.C. (1382) 80
Choi, J.S., see Koo, J.C. (1382) 80
Chua, E.K.M., Brennan, S.O. and George, P.M.
Albumin Church Bay: 560 Lys → Glu a new mutation detected by electrospray ionisation mass spectrometry (1382) 305
Cigić, B., Križaj, I., Kralj, B., Turk, V. and Pain, R.H.
Stoichiometry and heterogeneity of the pro-region chain in tetrameric human cathepsin C (1382) 143
Cyrański, M.K., see Jarmuła, A. (1382) 277

Davies, D.S., see Schulz, T.G. (1382) 287
Deng, G., see Zhao, Z. (1382) 177
Dolashka, P., Georgieva, D.N., Stoeva, S., Genov, N., Rachev, R., Gusterova, A. and Voelter, W.
A novel thermostable neutral proteinase from *Saccharomonospora canescens* (1382) 207

Edwards, R.J., see Schulz, T.G. (1382) 287
Engel, P.C., see Basso, L.A. (1382) 345

Farzaneh, S., see Chaibi, E.B. (1382) 38
Felczak, K., see Jarmuła, A. (1382) 277
Fisher, H.F., see Saha, S.K. (1382) 8
Fisher, M.J., see Aspbury, R.A. (1382) 111
Frylinck, L. and Dubery, I.A.
Protein kinase activities in ripening mango, *Mangifera indica* L., fruit tissue. I: Purification and characterization of a calcium-stimulated casein kinase-I (1382) 65

Gavish, B., see Almagor, A. (1382) 151
Genov, N., see Dolashka, P. (1382) 207
George, P.M., see Chua, E.K.M. (1382) 305
Georgieva, D.N., see Dolashka, P. (1382) 207
Gorovits, B.M., McGee, W.A. and Horowitz, P.M.
Rhodanese folding is controlled by the partitioning of its folding intermediates (1382) 120

Ha, K.S., see Koo, J.C. (1382) 80
Hagen, T. and Ziegler, M.
Erratum to "Detection and identification of NAD-catabolizing activities in rat tissue homogenates". [Biochim. Biophys. Acta 1340 (1997) 7–12] (1382) 176
Harle, K.M., see Schallreuter, K.U. (1382) 339
Hempel, J., see Perozich, J. (1382) 23
Horowitz, P.M., see Gorovits, B.M. (1382) 120
Hosoi, K., see Kikkawa, Y. (1382) 55
Huang, H.-S., Kabashima, T., Ito, K., Yin, C.-H., Nishiya, Y., Kawamura, Y. and Yoshimoto, T.
Thermostable glycerol kinase from *Thermus flavus*: cloning, sequencing, and expression of the enzyme gene (1382) 186
Hubbard, S.J.
The structural aspects of limited proteolysis of native proteins (1382) 191
Hufton, S.E., Jennings, I.G. and Cotton, R.G.H.
Structure/function analysis of the domains required for the multimerisation of phenylalanine hydroxylase (1382) 295

Ikebukuro, K., see Watanabe, A. (1382) 1
Inoue, H., see Ueno, A. (1382) 17
Ito, K., see Huang, H.-S. (1382) 186

Jarmuła, A., Anulewicz, R., Leś, A., Cyrański, M.K., Adamowicz, L., Bretner, M., Felczak, K., Kulikowski, T., Krygowski, T.M. and Rode, W.
Crystal structures of 5-fluoro-dUrd and its 2 and/or 4-thio analogues: models of substituted dUMP pyrimidine ring interacting with thymidylate synthase (1382) 277
Jennings, I.G., see Hufton, S.E. (1382) 295
Jensen, S.O. and Reeves, P.R.
Domain organisation in phosphomannose isomerases (types I and II) (1382) 5
Jolodar, A. and Miller, D.J.
Identification of a novel family of non-lysosomal aspartic proteases in nematodes (1382) 13

ELSEVIER

Protein Structure & Molecular Enzymology

Vol. 1382, 1998

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Adiga, P.R., see Sooryanarayana, (1382) 230
Aida, K., see Watanabe, T. (1382) 181
Almagor, A., Priev, A., Barshtein, G., Gavish, B. and Yedgar, S.
Reduction of protein volume and compressibility by macromolecular cosolvents: dependence on the cosolvent molecular weight (1382) 151
Aspbury, R.A., Fisher, M.J. and Rees, H.H.
Fatty acylation of polypeptides in the nematode *Caenorhabditis elegans* (1382) 111

Barshtein, G., see Almagor, A. (1382) 151
Barthélémy, M., see Chaibi, E.B. (1382) 38
Basso, L.A., Engel, P.C. and Walmsley, A.R.
Cooperativity between trimers of the hexameric glutamate dehydrogenase from *Clostridium symbiosum* (1382) 345
Berryman, D.E., Mulero, J.J., Hughes, L.B., Brasaemle, D.L. and Bensadoun, A.
Oligomeric structure of hepatic lipase: evidence from a novel epitope tag technique (1382) 217
Binzak, B., Willard, J. and Vockley, J.
Identification of the catalytic residue of human short/branched chain acyl-CoA dehydrogenase by in vitro mutagenesis (1382) 137
Brasaemle, D.L., see Berryman, D.E. (1382) 217
Brennan, S.O., see Chua, E.K.M. (1382) 305
Bretner, M., see Jarmuła, A. (1382) 277

Cannons, A.C., see Wei, X. (1382) 129
Chaibi, E.B., Péduzzi, J., Farzaneh, S., Barthélémy, M., Sirot, D. and Labia, R.
Clinical inhibitor-resistant mutants of the β-lactamase TEM-1 at amino-acid position 69. Kinetic analysis and molecular modelling (1382) 38
Cheung, W.-F., see Wojcik, E.G.C. (1382) 91
Cho, M.J., see Koo, J.C. (1382) 80
Choi, J.S., see Koo, J.C. (1382) 80
Chua, E.K.M., Brennan, S.O. and George, P.M.
Albumin Church Bay: 560 Lys → Glu a new mutation detected by electrospray ionisation mass spectrometry (1382) 305
Cigić, B., Križaj, I., Kralj, B., Turk, V. and Pain, R.H.
Stoichiometry and heterogeneity of the pro-region chain in tetrameric human cathepsin C (1382) 143
Cyrański, M.K., see Jarmuła, A. (1382) 277

Davies, D.S., see Schulz, T.G. (1382) 287
Deng, G., see Zhao, Z. (1382) 177
Dolashka, P., Georgieva, D.N., Stoeva, S., Genov, N., Rachev, R., Gusterova, A. and Voelter, W.
A novel thermostable neutral proteinase from *Saccharomonospora canescens* (1382) 207

Edwards, R.J., see Schulz, T.G. (1382) 287
Engel, P.C., see Basso, L.A. (1382) 345

Farzaneh, S., see Chaibi, E.B. (1382) 38
Felczak, K., see Jarmuła, A. (1382) 277
Fisher, H.F., see Saha, S.K. (1382) 8
Fisher, M.J., see Aspbury, R.A. (1382) 111
Frylinck, L. and Dubery, I.A.
Protein kinase activities in ripening mango, *Mangifera indica* L., fruit tissue. I: Purification and characterization of a calcium-stimulated casein kinase-I (1382) 65

Gavish, B., see Almagor, A. (1382) 151
Genov, N., see Dolashka, P. (1382) 207
George, P.M., see Chua, E.K.M. (1382) 305
Georgieva, D.N., see Dolashka, P. (1382) 207
Gorovits, B.M., McGee, W.A. and Horowitz, P.M.
Rhodanese folding is controlled by the partitioning of its folding intermediates (1382) 120

Ha, K.S., see Koo, J.C. (1382) 80
Hagen, T. and Ziegler, M.
Erratum to "Detection and identification of NAD-catabolizing activities in rat tissue homogenates". [Biochim. Biophys. Acta 1340 (1997) 7–12] (1382) 176
Harle, K.M., see Schallreuter, K.U. (1382) 339
Hempel, J., see Perozich, J. (1382) 23
Horowitz, P.M., see Gorovits, B.M. (1382) 120
Hosoi, K., see Kikkawa, Y. (1382) 55
Huang, H.-S., Kabashima, T., Ito, K., Yin, C.-H., Nishiya, Y., Kawamura, Y. and Yoshimoto, T.
Thermostable glycerol kinase from *Thermus flavus*: cloning, sequencing, and expression of the enzyme gene (1382) 186
Hubbard, S.J.
The structural aspects of limited proteolysis of native proteins (1382) 191
Hufton, S.E., Jennings, I.G. and Cotton, R.G.H.
Structure/function analysis of the domains required for the multimerisation of phenylalanine hydroxylase (1382) 295

Ikebukuro, K., see Watanabe, A. (1382) 1
Inoue, H., see Ueno, A. (1382) 17
Ito, K., see Huang, H.-S. (1382) 186

Jarmuła, A., Anulewicz, R., Leś, A., Cyrański, M.K., Adamowicz, L., Bretner, M., Felczak, K., Kulikowski, T., Krygowski, T.M. and Rode, W.
Crystal structures of 5-fluoro-dUrd and its 2 and/or 4-thio analogues: models of substituted dUMP pyrimidine ring interacting with thymidylate synthase (1382) 277
Jennings, I.G., see Hufton, S.E. (1382) 295
Jensen, S.O. and Reeves, P.R.
Domain organisation in phosphomannose isomerases (types I and II) (1382) 5
Jolodar, A. and Miller, D.J.
Identification of a novel family of non-lysosomal aspartic proteases in nematodes (1382) 13

Kanamori, N., see Kikkawa, Y. (1382) 55
Karube, I., see Watanabe, A. (1382) 1
Kawabata, S.-i., see Koo, J.C. (1382) 80
Kawamura, Y., see Huang, H.-S. (1382) 186
Kelley, M., see Vessey, D.A. (1382) 243
Kikkawa, Y., Yamanaka, N., Tada, J., Kanamori, N., Tsumura, K. and Hosoi, K.
Prorenin processing and restricted endoproteolysis by mouse tissue kallikrein family enzymes (mK1, mK9, mK13, and mK22) (1382) 55
Kono, M., see Watanabe, T. (1382) 181
Koo, J.C., Lee, S.Y., Chun, H.J., Cheong, Y.H., Choi, J.S., Kawabata, S.-i., Miyagi, M., Tsunasawa, S., Ha, K.S., Bae, D.W., Han, C.-d., Lee, B.L. and Cho, M.J.
Two hevein homologs isolated from the seed of *Pharbitis nil L.* exhibit potent antifungal activity (1382) 80
Korza, G., see Kotyza, J. (1382) 266
Kotyza, J., Varghese, A.H., Korza, G. and Sunderman Jr., F.W.
Interactions of serine proteinases with pNiXa, a serpin of *Xenopus* oocytes and embryos (1382) 266
Križaj, I., see Cigić, B. (1382) 143
Krygowski, T.M., see Jarmuła, A. (1382) 277
Kulikowski, T., see Jarmuła, A. (1382) 277

Labia, R., see Chaibi, E.B. (1382) 38
Lamarche, F., see Lavigne, P. (1382) 249
Larive, C.K., see Mansfield, S.L. (1382) 257
Laursen, R.A., see Zhao, Z. (1382) 177
Lavigne, P., Tancrède, P. and Lamarche, F.
The monolayer technique as a tool to study the energetics of protein–protein interactions (1382) 249
Lee, S.M. and Park, J.-W.
A yeast mutant lacking thiol-dependent protector protein is hypersensitive to menadione (1382) 167
Leś, A., see Jarmuła, A. (1382) 277
Lui, Q., see Zhao, Z. (1382) 177

Maniscalco, S.J., see Saha, S.K. (1382) 8
Mansfield, S.L., Jayawickrama, D.A., Timmons, J.S. and Larive, C.K.
Measurement of peptide aggregation with pulsed-field gradient nuclear magnetic resonance spectroscopy (1382) 257
McClelland, D.A. and Price, N.C.
Stopped-flow analysis of the refolding of hen egg white riboflavin binding protein in its native and dephosphorylated forms (1382) 157
Miller, D.J., see Jolodar, A. (1382) 13
Ming, L.-J., see Wei, X. (1382) 129
Miwa, Y., see Ueno, A. (1382) 17
Miyagi, M., see Koo, J.C. (1382) 80
Morris Jr., S.M., see Perozich, J. (1382) 23
Mulero, J.J., see Berryman, D.E. (1382) 217

Nagasawa, H., see Watanabe, T. (1382) 181
Nagata, T., see Ueno, A. (1382) 17
Nishiya, Y., see Huang, H.-S. (1382) 186

Pain, R.H., see Cigić, B. (1382) 143
Park, J.-W., see Lee, S.M. (1382) 167
Parmentier, L.E. and Smith Kristensen, J.
Studies on the urea cycle enzyme ornithine transcarbamylase using heavy atom isotope effects (1382) 333
Perez-Montfort, R., see Saavedra-Lira, E. (1382) 47
Perozich, J., Hempel, J. and Morris Jr., S.M.
Roles of conserved residues in the arginase family (1382) 23
Priev, A., see Almagor, A. (1382) 151

Rachev, R., see Dolashka, P. (1382) 207
Ramírez-Silva, L., see Saavedra-Lira, E. (1382) 47
Rees, H.H., see Aspbury, R.A. (1382) 111
Reeves, P.R., see Jensen, S.O. (1382) 5
Rode, W., see Jarmuła, A. (1382) 277

Saavedra-Lira, E., Ramírez-Silva, L. and Perez-Montfort, R.
Expression and characterization of recombinant pyruvate phosphate dikinase from *Entamoeba histolytica* (1382) 47
Saha, S.K., Maniscalco, S.J. and Fisher, H.F.
The use of multiwavelength kinetic analysis approach to identify and characterize intermediate complexes in the reductive amination reaction catalyzed by bovine liver glutamate dehydrogenase (1382) 8
Sarkar, S., see Sooryanarayana, (1382) 230
Schallreuter, K.U., Wood, J.M., Körner, C., Harle, K.M., Schulz-Douglas, V. and Werner, E.R.
6-Tetrahydrobiopterin functions as a UVB-light switch for de novo melanogenesis (1382) 339
Schulz, T.G., Thiel, R., Davies, D.S. and Edwards, R.J.
Identification of CYP2E1 in marmoset monkey (1382) 287
Smith Kristensen, J., see Parmentier, L.E. (1382) 333
Solomonson, L.P., see Wei, X. (1382) 129
Sooryanarayana, , Sarkar, S., Adiga, P.R. and Visweswariah, S.S.
Identification and characterization of receptors for riboflavin carrier protein in the chicken oocyte. Role of the phosphopeptide in mediating receptor interaction (1382) 230
Sparvoli, F., Gallo, A., Marinelli, D., Santucci, A. and Bollini, R.
Novel lectin-related proteins are major components in Lima bean (*Phaseolus lunatus* L.) seeds (1382) 311
Stoeva, S., see Dolashka, P. (1382) 207
Sunderman Jr., F.W., see Kotyza, J. (1382) 266

Tada, J., see Kikkawa, Y. (1382) 55
Tancrède, P., see Lavigne, P. (1382) 249
Thiel, R., see Schulz, T.G. (1382) 287
Timmons, J.S., see Mansfield, S.L. (1382) 257
Tsumura, K., see Kikkawa, Y. (1382) 55
Tsunasawa, S., see Koo, J.C. (1382) 80
Tsurumi, C., see Ueno, A. (1382) 17
Turk, V., see Cigić, B. (1382) 143

Ueno, A., Yamashita, K., Nagata, T., Tsurumi, C., Miwa, Y., Kitamura, S. and Inoue, H.
cDNA cloning of bovine thrombospondin 1 and its expression in odontoblasts and predentin (1382) 17

Van der Linden, I.K., see Wojcik, E.G.C. (1382) 91
Varghese, A.H., see Kotyza, J. (1382) 266
Vessey, D.A. and Kelley, M.
Characterization of the monovalent and divalent cation requirements for the xenobiotic carboxylic acid: CoA ligases of bovine liver mitochondria (1382) 243
Vockley, J., see Binzak, B. (1382) 137
Voelter, W., see Dolashka, P. (1382) 207

Walmsley, A.R., see Basso, L.A. (1382) 345
Watanabe, A., Yano, K., Ikebukuro, K. and Karube, I.
Investigation of the potential active site of a cyanide dihydratase using site-directed mutagenesis (1382) 1
Watanabe, T., Kono, M., Aida, K. and Nagasawa, H.
Purification and molecular cloning of a chitinase expressed in the hepatopancreas of the penaeid prawn *Penaeus japonicus* (1382) 181

Wei, X., Ming, L.-J., Cannons, A.C. and Solomonson, L.P.
^{1}H and ^{13}C NMR studies of a truncated heme domain from *Chlorella vulgaris* nitrate reductase: signal assignment of the heme moiety (1382) 129

White, P.W.
Understanding the molecular mechanism of viral resistance to peptidomimetic inhibitors of ribonucleotide reductase (1382) 102

Wittung-Stafshede, P.
A stable, molten-globule-like cytochrome *c* (1382) 324

Wojcik, E.G.C., Cheung, W.-F., Van den Berg, M., Van der Linden, I.K., Stafford, D.W. and Bertina, R.M.
Identification of residues in the Gla-domain of human factor IX involved in the binding to conformation specific antibodies (1382) 91

Yamanaka, N., see Kikkawa, Y. (1382) 55

Yamashita, K., see Ueno, A. (1382) 17

Yano, K., see Watanabe, A. (1382) 1

Yedgar, S., see Almagor, A. (1382) 151

Yin, C.-H., see Huang, H.-S. (1382) 186

Yoshimoto, T., see Huang, H.-S. (1382) 186

Zhao, Z., Deng, G., Lui, Q. and Laursen, R.A.
Cloning and sequencing of cDNA encoding the LS-12 antifreeze protein in the longhorn sculpin, *Myoxocephalus octodecimspinosis* (1382) 177